

05-25-00

PATENT  
Attorney Docket No.: FORS-04323

A

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

## Box Patent Application

Assistant Commissioner For Patents  
Washington, D.C. 20231

## NEW APPLICATION TRANSMITTAL

Transmitted herewith for filing is the patent application of Wu-Po Ma, Victor I. Lyamichev, Michael W. Kaiser, Natalie E. Lyamichev, Hatim Taysir Allawi, James J. Schaefer and Bruce P. Neri for **Improved Enzymes For The Detection Of Specific Nucleic Acid Sequences**

## CERTIFICATION UNDER 37 C.F.R. § 1.10

I hereby certify that this New Application Transmittal and the documents referred to as enclosed therein are being deposited with the U.S. Postal Service on this date **May 24, 2000** in an envelope as "Express Mail Post Office to Addressee" Mailing Label Number **EL 541 885 115 US** addressed to: **Box Patent Application**, Assistant Commissioner For Patents, Washington, D.C. 20231.

*Mary Ellen Waite*  
Mary Ellen Waite

## 1. Type Of Application

This new application is for a(n)

☒ Original (nonprovisional)

## 2. Papers Enclosed That Are Required For Filing Date Under 37 C.F.R. § 1.53(b) (Regular) or 37 C.F.R. § 1.153 (Design) Application

479 Pages of Specification

7 Pages of Claims

1 Page of Abstract

37 Sheets of Informal Drawings

## 3. Declaration

☒ Enclosed☒ Unexecuted.

## 4. Inventorship Statement

The inventorship for all the claims in this application is:

☒ the same

## 5. Language

☒ English

## 6. Assignment

☒ An unexecuted assignment of the invention to **Third Wave Technologies, Inc.** is attached.☒ Form PTO-1595 will follow.

## 7. Fee Calculation (37 C.F.R. § 1.16)

☒ Regular application

## CLAIMS AS FILED

Number Filed	Number Extra	Rate	Basic Fee - \$760.00 (37 C.F.R. § 1.16(a))
Total Claims (37 C.F.R. § 1.16(c))	57 - 20 =	37 × \$18.00 =	\$666.00
Independent Claims (37 C.F.R. § 1.16(b))	2 - 3 =	0 × \$78.00 =	\$0.00
Multiple Dependent Claim(s), if any (37 C.F.R. § 1.16(d))	+ \$260.00 =		\$0.00
Filing Fee Calculation			\$1426.00

## 8. Small Entity Statement(s)

☒ An unexecuted Verified Statement(s) that this is a filing by a small entity under 37 C.F.R. §§ 1.9 and 1.27 is(are) attached.

Filing Fee Calculation (50% of above) \$713.00

## 9. Fee Payment Being Made At This Time

- ☒ Enclosed  
☒ basic filing fee

\$713.00

Total Fees Enclosed

\$713.00

## 10. Method of Payment of Fees

- ☒ Check in the amount of \$713.00

## 11. Authorization To Charge Additional Fees and Credit Overpayment

- ☒ The Commissioner is hereby authorized to charge payment of any fees associated with this communication or credit any overpayment to Deposit Account No.: 08-1290. An originally executed duplicate of this transmittal is enclosed for this purpose.


## 12. Power of Attorney by Assignee

- ☒ Enclosed unexecuted

## 13. Return Receipt Postcard

- ☒ Enclosed

Dated: May 24, 2000

  
David A. Casimir  
Registration No.: 42,395

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☒ Statement Where No Further Pages Added

- ☒ This transmittal ends with this page.